

WHAT IS CLAIMED IS:

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1 1. An electronic reading device, comprising:
2 an optical detector for detecting positional
3 data for the electronic reading device with respect to an
4 address pattern of a specially formatted surface; and
5 a sensor for sensing whether the electronic
6 reading device is in contact with the specially formatted
7 surface, wherein the detection of positional data by the
8 optical detector is enabled at least when the sensor
9 determines that the electronic reading device is in
10 contact with the specially formatted surface.

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1 2. The electronic reading device of claim 1,
2 wherein the detection of positional data by the optical
3 detector is disabled when the sensor determines that the
4 electronic reading device is not in contact with the
5 specially formatted surface.

1 3. The electronic reading device of claim 1,
2 further comprising a buffer for storing the detected
3 positional data, wherein the storing of the detected
4 positional data is disabled when the sensor determines
5 that the electronic reading device is not in contact with
6 the specially formatted surface.

1 4. The electronic reading device of claim 1,
2 further comprising a local wireless link transmitter for
3 transmitting the detected positional data to a separate
4 electronic device, wherein the transmission of the
5 detected positional data is disabled when the sensor
6 determines that the electronic reading device is not in
7 contact with the specially formatted paper.

1 5. The electronic reading device of claim 1,
2 further comprising a writing means that can be selectively
3 activated and deactivated, wherein the sensor operates to
4 detect contact of the electronic reading device with the
5 specially formatted surface both when the writing means is
6 activated and when the writing means is deactivated.

1 6. The electronic reading device of claim 1,
2 wherein the sensor comprises a force sensitive detector
3 for determining whether the electronic reading device is
4 in contact with the specially formatted surface.

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1 7. The electronic reading device of claim 6,
2 wherein the sensor detects a user selection of a location
3 on the address pattern in response to a detection of
4 contact between the electronic reading device and the
5 specially formatted surface greater than a predetermined
6 threshold force.

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1 8. A system for electronic entry of information,
2 comprising:

3 a specially formatted surface including an
4 address pattern, wherein a particular position on the
5 address pattern can be determined based on an examination
6 of only a portion of the address pattern; and

7 an electronic reading device including:

8 an optical detector for detecting a portion
9 of the address pattern adjacent to the electronic
10 reading device;

11 a sensor for detecting contact between a
12 tip of the electronic reading device and the
13 specially formatted surface; and

14 a processor for receiving the positional
15 data and determining a particular position of the
16 electronic reading device relative to the address
17 pattern when the sensor detects contact between a tip
18 of the electronic reading device and the specially
19 formatted surface.

20 9. The system of claim 8, wherein the specially
21 formatted surface comprises a paper preprinted with at
22 least one data entry field.

1 10. The system of claim 9, wherein the processor
2 identifies the preprinted paper based on the determined
3 particular position.

1 11. The system of claim 9, wherein the processor
2 converts a plurality of determined positions within the at
3 least one data entry field into a data entry for the at
4 least one data entry field.

1 12. The system of claim 9, wherein the electronic
2 reading device further includes a writing means that can
3 be selectively activated and deactivated, and wherein the
4 preprinted paper comprises a reusable preprinted paper for
5 use when the writing means is in a deactivated mode.

1 13. The system of claim 9, wherein the preprinted
2 paper comprises a form for entering information relating
3 to a personal information manager application.

1 14. The system of claim 9, wherein the preprinted
2 paper comprises a form for entering settings for an
3 electronic device.

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1 15. A method for using an electronic reading device,
2 comprising the steps of:
3 sensing whether the electronic reading device is
4 contacting a specially formatted surface using a touch
5 sensor;
6 detecting positional data for the electronic
7 reading device relative to an address pattern of the
8 specially formatted surface; and
9 storing the positional data when the touch
10 sensor detects that the electronic reading device is
11 contacting the specially formatted surface.

1 16. The method of claim 15, further comprising the
2 step of selecting between an activated writing mode and a
3 deactivated writing mode for the electronic reading
4 device.

1 17. The method of claim 16, wherein the step of
2 selecting comprises selecting the deactivated writing
3 mode.

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1 18. The method of claim 17, wherein the specially
2 formatted surface comprises a reusable data entry paper
3 for a selected application, further comprising the step of
4 using the electronic reading device in the deactivated
5 writing mode in connection with the reusable data entry
6 paper to enter data relating to the selected application.

1 19. The method of claim 18, wherein the selected
2 application comprises a personal information manager.

1 20. The method of claim 18, wherein the selected
2 application facilitates an entry of settings on an
3 electronic device.

1 21. The method of claim 17, further comprising the
2 step of using the electronic reading device to select a
3 particular location on the specially formatted surface by
4 pressing the electronic reading device against the surface
5 above a predetermined force threshold.

1 22. The method of claim 15, further comprising the
2 step of identifying the specially formatted surface based
3 on the positional data.

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1 23. An electronic reading device, comprising:
2 an optical detector for detecting positional
3 data for the electronic reading device with respect to an
4 address pattern of a specially formatted surface; and
5 writing means for writing on surfaces, wherein
6 the writing means can be selectively activated and
7 deactivated, the optical detector capable of detecting
8 positional data whether the writing means is activated or
9 deactivated.

1 24. The electronic reading device of claim 23,
2 wherein the specially formatted surface is preprinted with
3 at least one data entry field and the optical detector
4 facilitates entry of information corresponding to the at
5 least one data entry field.